INSTALLATION INSTRUCTIONS
for the
Legacy II Chair™

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INSTALLATION INSTRUCTIONS for the *Legacy II Chair*™

SECTION I - REQUIREMENTS

1. PHYSICAL REQUIREMENTS

Before installing the chair ensure that the physical requirements are met (See Figure 1). The chair should be at least 18 inches from the nearest wall, cabinet, or any permanent fixture when in the fully reclined position. Note that the chair seat moves back 4-1/2 inches as the base is raised.

2. ELECTRICAL REQUIREMENTS:

Before connecting the line cord to an appropriate receptacle, make certain that the circuit is protected by a 15-amp circuit breaker for 120-VAC models, or a 7.5-amp breaker for 240-VAC models. Ensure that all wiring is grounded and all electrical codes are observed.

WARNING - Potential shock hazard with possible personal injury. To reduce shock hazard, observe all electrical codes.

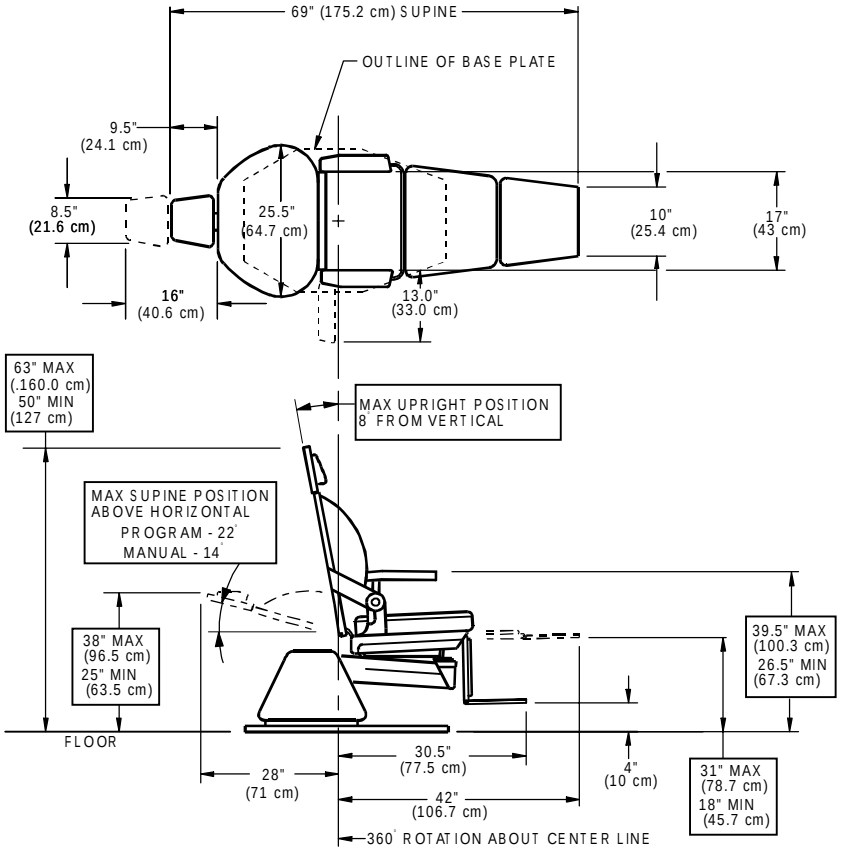
69" (175.2 cm) SUPINE
OUTLINE OF BASE PLATE
9.5" (24.1 cm)
8.5" (21.6 cm)
25.5" (64.7 cm)
10" (25.4 cm)
17" (43 cm)
16" (40.6 cm)
13.0" (33.0 cm)
63" MAX (.160.0 cm) 50" MIN (127 cm)
MAX UPRIGHT POSITION 8° FROM VERTICAL
MAX SUPINE POSITION ABOVE HORIZONTAL PROGRAM - 22° MANUAL - 14°
38" MAX (96.5 cm) 25" MIN (63.5 cm)
39.5" MAX (100.3 cm) 26.5" MIN (67.3 cm)
FLOOR
30.5" (77.5 cm)
28" (71 cm)
4" (10 cm)
31" MAX (78.7 cm) 18" MIN (45.7 cm)
42" (106.7 cm)
360° ROTATION ABOUT CENTER LINE

Figure 1

SECTION II - INSTALLATION

1. UNPACKING THE CARTONS

The chair is shipped in two cartons, one large carton and a smaller carton, containing the following items:

LARGE CARTON

- Chair mounted on a pallet with backrest disconnected
- Plastic bag containing installation hardware and warranty card
- Installation instructions (this manual) and operator's manual
- Foot Control
- Headrest and Cushion

SMALL CARTON

- Seat Cushion
- Back Cushion
- A Set of Armrests
- Hardware Kit

Check for signs of damage to either carton or to the contents and that all items listed above are present. If there is any evidence of damage due to shipping or if any of the items is missing from the cartons, notify the shipper at once. Be careful not to discard any small parts or instruction sheets with the packing material.

2. UNPACKING THE CHAIR

Use the following procedure to disconnect the chair from the pallet. Leave the chair on the pallet until the chair back has been assembled.

1. Locate the foot controller and remove and discard the packing material. Plug the chair in and raise the chair vertically off the pallet brace using the foot control.

2. Locate the two bolts, washers and nuts that secure the pallet cleat to the pallet, as shown in Figure 2. Using a wrench, remove this hardware. Remove and discard the pallet brace and cleat.

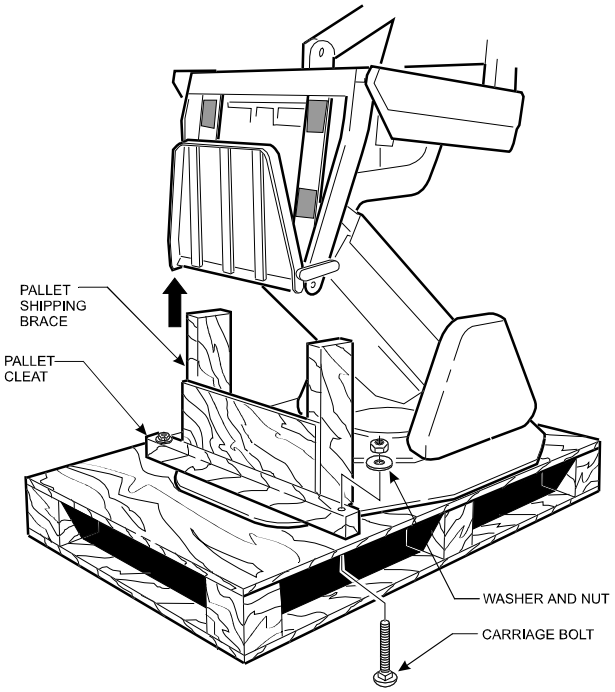

Figure 2

SECTION II - INSTALLATION (CONT)

3. Locate the two nuts at the front of the chair base (beneath the upright housing cover) that secure the chair to the pallet. Remove the nuts, washers and bolts (see Figure 3).

4. Remove all packaging material from the chair and discard.

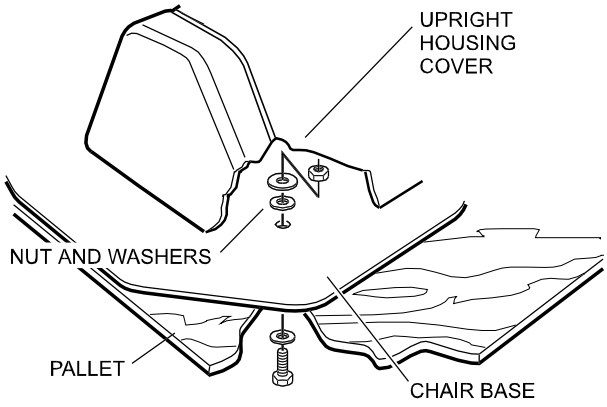

Figure 3

3. CHAIR BACK ASSEMBLY

To assemble the chair back, use the following procedure:

1. Remove any remaining packing materials, tape, etc., and discard. Remove the tag from the seat frame.

2. Before the chair back can be assembled, the pivot pins and short white bushings must be removed from the tow bar end (See Figure 4). This is done by carefully removing the retaining rings from the pivot pins. Set the pins, bushings and retaining rings aside for use in step 4.

NOTE ▶ **Make certain the long white bushings are left seated in the holes in the tow bar ends before re-installing the pivot pins.**

3. As the chair back is lifted up, the clevis ends will slide in position over the tow bar ends.

NOTE ▶ **Make certain the ground wire and wire harness in the right-hand channel is located behind the pivot pin and held in place by the cable clip located on the inside of the tow bar.**

4. Attach the chair back to the tow bars using the pivot pins and short white bushings. Replace the retaining rings in the grooves at the end of each pivot pin to lock the pins in place. **Lubricate each joint with a drop of light weight oil.**

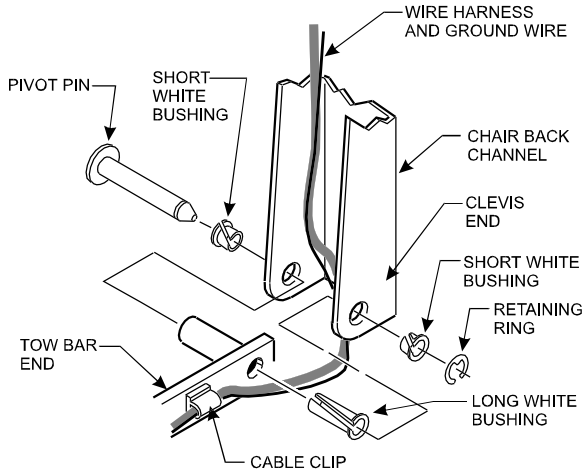

ILLUSTRATION SHOWING CHAIR BACK ASSEMBLY
(RIGHT-HAND SIDE SHOWN)

Figure 4

4. REMOVING CHAIR FROM PALLET

After the preceding steps are completed, the chair may be removed from the pallet and placed in the desired position on the floor.

SECTION II - INSTALLATION (CONT)

5. INSTALLATION OF STANDARD MAGNETIC HEADREST AND CUSHION

1. Remove the headrest from the small carton; discard any shipping materials.

2. Insert the headrest tang in the slot and adjustment bracket at the top of the chair back (See Figure 5). When properly adjusted, the headrest should move freely up and down, but should not move on its own.

NOTE

The adjusting bracket tension is pre-set at the factory and should not require adjustment. If the movement of the headrest is out of adjustment use the following procedure:
1) Using a wrench, loosen the two locknuts on the side of the adjustment bracket.
2) Then, loosen or tighten the adjustment screws to achieve the desired tension and re-tighten the locknuts (Figure 7).

3. The headrest cushion is held to the headrest by a magnet and can be positioned as desired (See Figure 6).

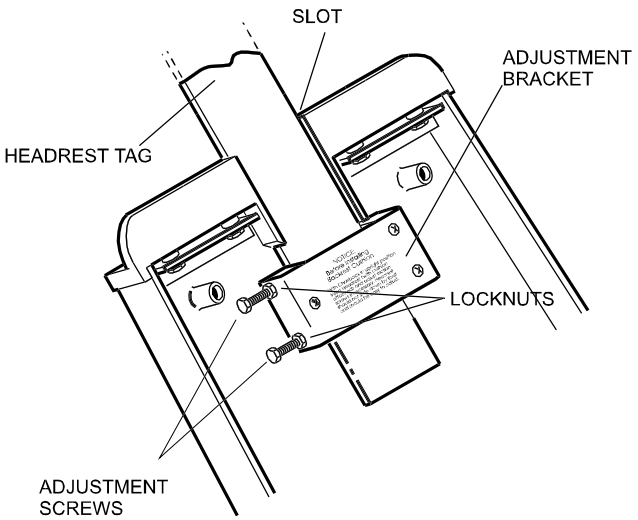

Figure 5

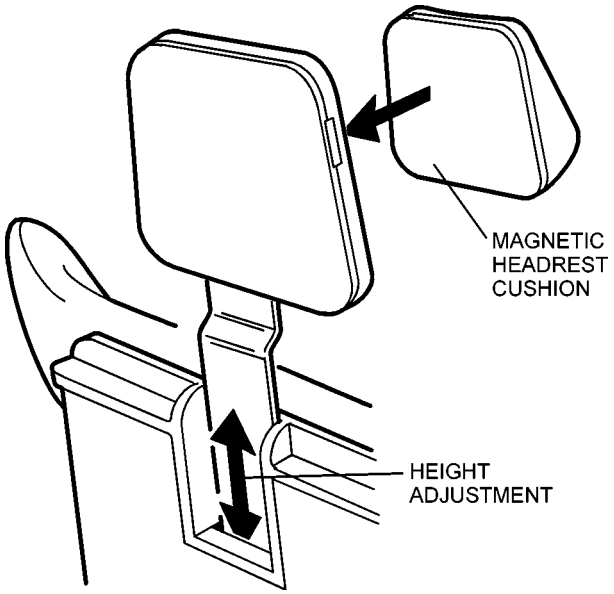

Figure 6

SECTION II - INSTALLATION (CONT)

6. INSTALLATION OF CHAIR SEAT UPHOLSTERY

Lower the footrest by pushing down on the footrest lever (See Figure 7). The seat upholstery is held in place with velcro strips. Position the seat upholstery on the chair as shown.

7. INSTALLATION OF CHAIR BACK UPHOLSTERY

The seat back is mounted over the four large head studs in the chair back (see Figure 8). Use the following instructions after first raising the back to a convenient height for installing the cushion:

1. Locate the hardware package; remove 4 springs, 4 cushion mounting studs, and 4 Phillips head screws.

2. Install the springs into the bushing on the chair back.

3. Insert the four small screws through the chair back and into the stud, compressing the springs to permit the screw to be inserted. Tighten the screw 2 to 3 turns in the stud.

4. Insert the chair back cushion over the studs, making sure that the head of the mounting stud fits through the hole in the plate in the cushion back.

5. Slide the chair back cushion down over the studs to lock it in place; make certain that all four are locked. Then tighten the four small screws to achieve the desired tension.

CAUTION: Over tightening of the screws may cause excessive distortion and/or wrinkling of the chair back cushion.

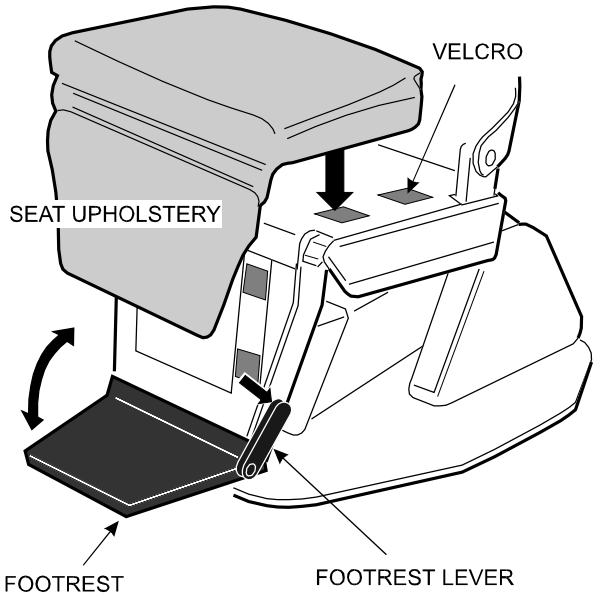

Figure 7

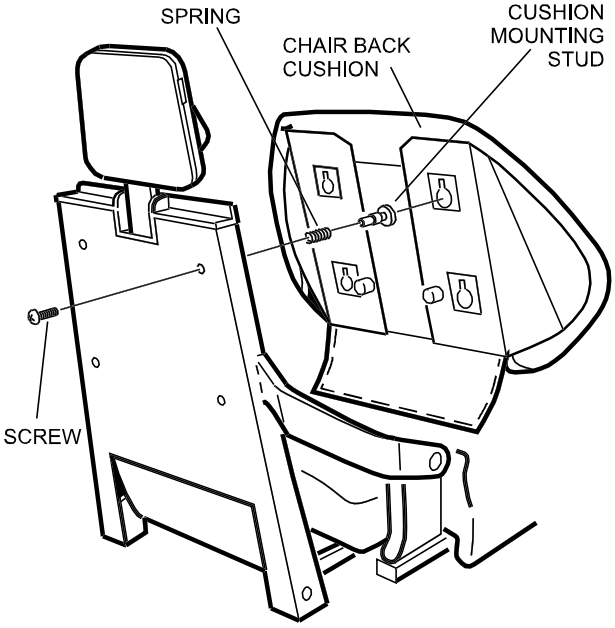

Figure 8

CAUTION: Handle all upholstery with care. Do not bend the Headrest, Back or Seat Cushions as this may cause excessive wrinkles or distortion of the upholstery.

NOTE: All Knight chair upholstery is made from the highest quality materials available and is designed for maximum patient comfort, easy cleaning and durability. Knight Chair upholstery will provide years of service when correctly maintained according to the Operator and Care Manual. Like all fine upholstery some minor wrinkles, waves or changes may occur. These changes are natural and in no way effect the performance or life of the product.

SECTION II - INSTALLATION (CONT)

8. INSTALLATION OF ARMREST

The armrest arms are keyed for the right and left sides of the chair. The straight portion of the armrest pad is located toward the inside. As shown in Figure 9, the rotation notch on the support post is thus positioned to allow the arm to be rotated 90 degrees away from the chair. Use the following procedure.

1. Unpack the armrests and discard all packing materials. The armrests are secured to the bottom of the small carton as shown in figure 10.

2. Insert the armrest assembly in the pivot post block. Make sure that the right and left hand mounting positions are observed. When the arm is parallel to the side of the chair, the notch at the bottom of the armrest support post will engage the locating pin inside the pivot post to hold the arm in position.

WARNING: The armrest should be installed as shown in Figure 9. Mounting the armrest improperly can damage the chair and/or cause personal injury.

3. Turn the setscrew (with 1/8-inch allen wrench) in the pivot post until it is tight (Figure 14). Then, back out the setscrew 1/2 turn. This permits the arm to be lifted out slightly and rotated, but prevents the complete removal of the arm from the pivot post.

NOTE: The setscrew is held in place by a retaining compound for shipment and will therefore turn hard.

9. INSTALLATION OF OPTIONAL EQUIPMENT

If optional equipment was ordered with the chair, it should be installed in accordance with the instructions included in the optional equipment package.

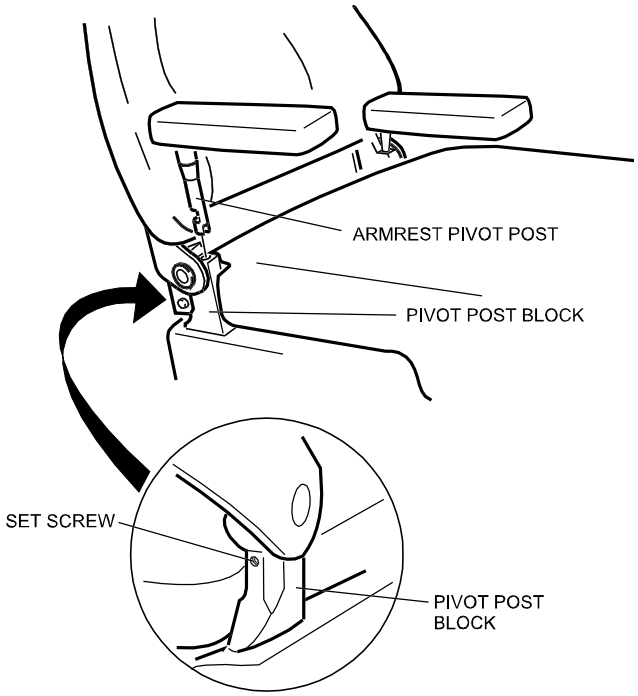

Figure 9

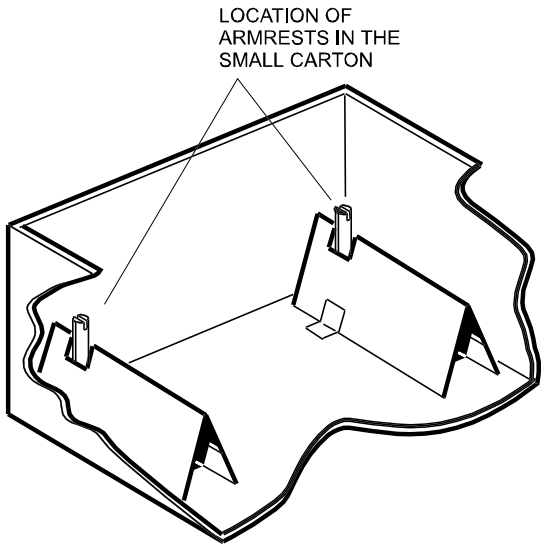

Figure 10

SECTION III - OPERATIONAL CHECKS

When the installation is complete, certain operational checks should be made, as follows:

1. ROTATION LOCK RELEASE

To ensure that the chair rotates freely, unlock the manual rotation lock release (Figure 15). Press the left-hand knob to release the lock. Check that the chair rotates freely, and then lock the chair by depressing the right-hand side of the lock release. The chair will rotate a total of 90^0 (45^0 on either side of the center line).

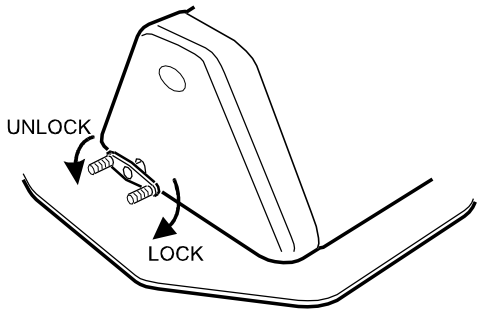

Figure 11

2. FOOT CONTROL OPERATION

The foot control (See Figure 16), consisting of a selector (toggle) switch and a control disk, is operated as follows:

- The Selector Switch toggles to the Operate (green) **or** Automatic Exit (yellow) positions

- The Operate position is actuated by pressing the selector switch to the position indicated in green. At this position the control disk is functional and the chair can be positioned as follows:
  1. Actuate and hold the control disk to the desired quadrant (See Figure 16). For example, sliding the disk to the left will actuate the back-down position.
  2. Two functions can be actuated simultaneously by sliding the disk in a diagonal direction. For example, Figure 17 illustrates the simultaneous actuation of the back-down and base-up functions.
  3. Releasing the disk stops the movement of the chair.

- The Automatic Exit position is actuated by pressing the selector switch to the position indicated in yellow. At this position the control disk is nonfunctional.

WARNING: Once the Automatic Exit function is actuated, this function may be stopped by pressing the selector switch to the operate position.

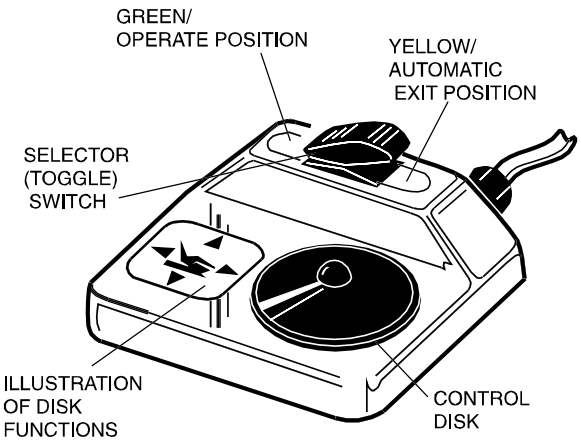

Figure 12

Optional

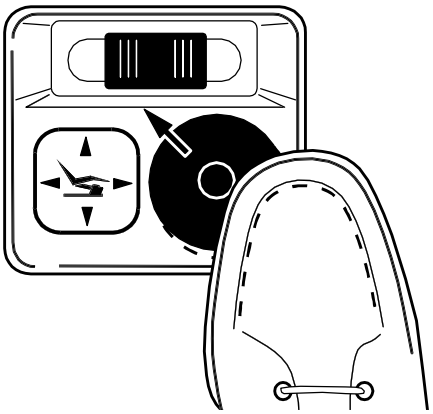

Figure 13

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SECTION IV - FINAL CHECK LIST

When all the assembly and installation procedures are completed, the chair should be checked out in accordance with the following check list to ensure that assembly is complete and that all controls function properly.

- ☐ Check all controls for proper operation.
- ☐ Check chair rotation, stops and locking functions.
- ☐ Check the armrests to ensure proper functioning and that the armrest post is secured and will not move.
- ☐ Be sure that the cushions are properly installed.
- ☐ Be sure that all optional equipment has been installed.
- ☐ Check that all shipping tape and other packaging materials have been removed and disposed of.
- ☐ Make sure that the chair has been cleaned and that all dirt and finger prints have been removed.
- ☐ Be sure the person who will operate the chair receives the operators manual and any other appropriate information or instructions.

CONFORMS TO
UL STD. 544
CERTIFIED TO
CAN/CSA - C22.2
NO. 125-M1984

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Knight®
by Midmark

Midmark Corporation • P O Box 286 • 60 Vista Drive
Versailles • Ohio • 45380-0286 • www.midmark.com
Phone: 937-526-3662 Fax: 937-526-5542